

### § 383.115

(2) Ability to put the motor vehicle in motion and accelerate smoothly, forward and backward;

(3) Ability to bring the motor vehicle to a smooth stop;

(4) Ability to back the motor vehicle in a straight line, and check path and clearance while backing;

(5) Ability to position the motor vehicle to negotiate safely and then make left and right turns;

(6) Ability to shift as required and select appropriate gear for speed and highway conditions; and

(7) Ability to back along a curved path.

(c) *Safe on-road driving skills.* All applicants for a CDL must possess and demonstrate the following safe on-road driving skills for their vehicle class:

(1) Ability to use proper visual search methods;

(2) Ability to signal appropriately when changing direction in traffic;

(3) Ability to adjust speed to the configuration and condition of the roadway, weather and visibility conditions, traffic conditions, and motor vehicle, cargo and driver conditions;

(4) Ability to choose a safe gap for changing lanes, passing other vehicles, as well as for crossing or entering traffic;

(5) Ability to position the motor vehicle correctly before and during a turn to prevent other vehicles from passing on the wrong side, as well as to prevent problems caused by off-tracking;

(6) Ability to maintain a safe following distance depending on the condition of the road, visibility, and vehicle weight;

(7) Ability to adjust operation of the motor vehicle to prevailing weather conditions including speed selection, braking, direction changes, and following distance to maintain control; and

(8) Ability to observe the road and the behavior of other motor vehicles, particularly before changing speed and direction.

(d) *Test area.* Skills tests shall be conducted in on-street conditions or under a combination of on-street and off-street conditions.

(e) *Simulation technology.* A State may utilize simulators to perform skills testing, but under no cir-

### 49 CFR Ch. III (10–1–13 Edition)

cumstances as a substitute for the required testing in on-street conditions.

[76 FR 26889, May 9, 2011]

### § 383.115 Requirements for double/triple trailers endorsement.

In order to obtain a double/triple trailers endorsement each applicant must have knowledge covering:

(a) Procedures for assembly and hookup of the units;

(b) Proper placement of heaviest trailer;

(c) Handling and stability characteristics including off-tracking, response to steering, sensory feedback, braking, oscillatory sway, rollover in steady turns, and yaw stability in steady turns;

(d) Potential problems in traffic operations, including problems the motor vehicle creates for other motorists due to slower speeds on steep grades, longer passing times, possibility for blocking entry of other motor vehicles on freeways, splash and spray impacts, aerodynamic buffeting, view blockages, and lateral placement; and

(e) Operating practices and procedures not otherwise specified.

[76 FR 26890, May 9, 2011]

### § 383.117 Requirements for passenger endorsement.

An applicant for the passenger endorsement must satisfy both of the following additional knowledge and skills test requirements.

(a) *Knowledge test.* All applicants for the passenger endorsement must have knowledge covering the following topics:

(1) Proper procedures for loading/unloading passengers;

(2) Proper use of emergency exits, including push-out windows;

(3) Proper responses to such emergency situations as fires and unruly passengers;

(4) Proper procedures at railroad-highway grade crossings and drawbridges;

(5) Proper braking procedures; and

(6) Operating practices and procedures not otherwise specified.

(b) *Skills test.* To obtain a passenger endorsement applicable to a specific vehicle class, an applicant must take

his/her skills test in a passenger vehicle satisfying the requirements of that vehicle group as defined in § 383.91.

[76 FR 26890, May 9, 2011]

**§ 383.119 Requirements for tank vehicle endorsement.**

In order to obtain a tank vehicle endorsement, each applicant must have knowledge covering the following:

- (a) Causes, prevention, and effects of cargo surge on motor vehicle handling;
- (b) Proper braking procedures for the motor vehicle when it is empty, full, and partially full;
- (c) Differences in handling of baffled/compartmented tank interiors versus non-baffled motor vehicles;
- (d) Differences in tank vehicle type and construction;
- (e) Differences in cargo surge for liquids of varying product densities;
- (f) Effects of road grade and curvature on motor vehicle handling with filled, half-filled, and empty tanks;
- (g) Proper use of emergency systems;
- (h) For drivers of DOT specification tank vehicles, retest and marking requirements; and
- (i) Operating practices and procedures not otherwise specified.

[76 FR 26890, May 9, 2011]

**§ 383.121 Requirements for hazardous materials endorsement.**

In order to obtain a hazardous materials endorsement, each applicant must have such knowledge as is required of a driver of a hazardous materials laden vehicle, from information contained in 49 CFR parts 171, 172, 173, 177, 178, and 397, on the following:

- (a) Hazardous materials regulations including:
  - (1) Hazardous materials table;
  - (2) Shipping paper requirements;
  - (3) Marking;
  - (4) Labeling;
  - (5) Placarding requirements;
  - (6) Hazardous materials packaging;
  - (7) Hazardous materials definitions and preparation;
  - (8) Other regulated material (e.g., ORM-D);
  - (9) Reporting hazardous materials accidents; and
  - (10) Tunnels and railroad crossings.
- (b) Hazardous materials handling including:

- (1) Forbidden materials and packages;
- (2) Loading and unloading materials;
- (3) Cargo segregation;
- (4) Passenger carrying buses and hazardous materials;
- (5) Attendance of motor vehicles;
- (6) Parking;
- (7) Routes;
- (8) Cargo tanks; and
- (9) "Safe havens."
- (c) Operation of emergency equipment including:
  - (1) Use of equipment to protect the public;
  - (2) Special precautions for equipment to be used in fires;
  - (3) Special precautions for use of emergency equipment when loading or unloading a hazardous materials laden motor vehicle; and
  - (4) Use of emergency equipment for tank vehicles.
- (d) Emergency response procedures including:
  - (1) Special care and precautions for different types of accidents;
  - (2) Special precautions for driving near a fire and carrying hazardous materials, and smoking and carrying hazardous materials;
  - (3) Emergency procedures; and
  - (4) Existence of special requirements for transporting Class 1.1 and 1.2 explosives.
- (e) Operating practices and procedures not otherwise specified.

[76 FR 26890, May 9, 2011]

**§ 383.123 Requirements for a school bus endorsement.**

(a) An applicant for the school bus endorsement must satisfy the following three requirements:

- (1) *Qualify for passenger vehicle endorsement.* Pass the knowledge and skills test for obtaining a passenger vehicle endorsement.
- (2) *Knowledge test.* Must have knowledge covering the following topics:
  - (i) Loading and unloading children, including the safe operation of stop signal devices, external mirror systems, flashing lights, and other warning and passenger safety devices required for school buses by State or Federal law or regulation.